

11/13/01



11130 U.S. PTO

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37  
CFR 1.53(b))

Attorney Docket No. ATL0100570 Total Pages 46  
First Inventor or Application Identifier Callway, et al.  
Title SYSTEM FOR IMPROVED RATIOMETRIC EXPANSION AND  
METHOD THEREOF  
Express Mail Label No. EL855711174US

11/13/01  
10/008630  
11/13/01

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification *Total Pages 31*  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawings (35 USC 113) *Total Sheets 6*
4. Oath or Declaration *Total Pages 2*
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application  
(37 CFR 1.63(d))  
(for continuation/divisional with Box 16 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence  
Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure ☐ Copies of  
Statement (IDS)/PTO-1449 IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ Applicant claims small entity status.  
See 37 CFR 1.27  
☐ Statement filed in Prior Application,  
Status still proper and desired.
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Request & Certification Under 35 U.S.C.  
122(b)(2)(B)(i)
16. ☐ Other

## 16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No:

Prior Application Information: Examiner

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4B, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 27412 or, ☐ Correspondence Address Below

Simon, Galasso & Frantz, PLC

P.O. Box 26503

Austin, Texas 78755-0503

Telephone: 512-336-8957

Facsimile: 512-336-9155

Name and Registration Number (Print/Type)	Miguel Cantu, Reg. No. 48,471		
Signature		Date	12-13-2001

# FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1,428.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Callway, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	ATI.0100570

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	50-0441
Deposit Account Name	ATI Technologies, Inc.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Charge the Issue Fee Set in 37 CFR 1.18 at the mailing of the Notice of Allowance

☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101 740 201 370		Utility filing fee	740.00
106 330 206 165		Design filing fee	
107 510 207 255		Plant filing fee	
108 740 208 370		Reissue filing fee	
114 160 214 80		Provisional filing fee	

SUBTOTAL (1) (\$) 740.00

### 2. CLAIMS

Claims	Extra	Fee from below	Fee Paid
Total 42	(-20 =) 22	18.00	396.00
Indep. 6	(-3 =) 3	84.00	252.00
Multiple Dep.			

Large Entity Fee Code	Small Entity Fee Code	Fee Description
103 18 203 9		Claims in excess of 20
102 84 202 42		Independent claims in excess of 3
104 280 204 140		Multiple dependent claim
109 84 209 42		Reissue independent claims over original patent
110 18 210 9		Reissue claims in excess of 20 and over original patent

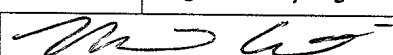
SUBTOTAL (2) (\$) 648.00

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet.	
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 400 216 200		Extension for reply within second month	
117 920 217 460		Extension for reply within third month	
118 1,440 218 720		Extension for reply within fourth month	
128 1,960 228 980		Extension for reply within fifth month	
119 320 219 160		Notice of Appeal	
120 320 220 160		Filing a brief in support of an appeal	
121 280 221 140		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,280 241 640		Petition to revive - unintentional	
142 1,280 242 640		Utility issue fee (or reissue)	
143 460 243 230		Design issue fee	
144 620 244 310		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Petitions related to provisional applications	
126 180 126 180		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	40.00
146 740 246 370		Filing a submission after final rejection (37 CFR 1.129(a))	
149 740 249 370		For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)			
Other fee (specify)			

\* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00

SUBMITTED BY: Simon, Galasso & Frantz, PLC.		Complete (if applicable)	
Typed or Printed Name		Miguel Cantu, Reg. No. 48,471	
Signature		Date	12-13-2001
Deposit Account		User ID	

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Callway, et al.

Examiner:

Serial No:

Art Group:

Filing Date:

Docket No: ATI.0100570

Title: **SYSTEM FOR IMPROVED RATIOMETRIC EXPANSION AND METHOD THEREOF**

To the Honorable Commissioner  
of Patents and Trademarks  
Washington, D.C. 20231

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL855711174US

Name of Depositor: **Terri Alloway**  
(print or type)

Date of Deposit: 11-13-01

Signature: Terri Alloway

I hereby certify that this paper and the items identified below are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. Section 1.10 on the 'Date of Deposit', indicated above, and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

- ☒ Items accompanying this Certificate of Express Mailing:
- ☒ Filing papers for a new patent application, such filing papers include:
- ☒ Transmittal cover letter;
  - ☒ Fee Transmittal;
  - ☒ Assignment agreement with Recordation Form Cover Sheet;
  - ☒ A specification and drawings for a new patent application;
  - ☒ Combined Declaration and Power of Attorney;
  - ☐ Information Disclosure Statement; and
  - ☒ Return upon receipt post card.